Part No:

HA18A-09

HASCO, INC
COMPONENTS DISTRIBUTOR

9 dB - Fixed Attenuator SMA Male To SMA Female Up To 18 GHz Rated To 2 Watts with Passivated Stainless Steel Body

The HASCO Fixed Attenuator **HA18A-09** is rated to 2 Watts and operates from DC to 18GHz. The versatile coaxial package uses SMA male to SMA female connectors.

The HA18A-09 is RoHS compliant.

RF microwave attenuators (also known as RF pads) lower the amplitude of a signal (attenuate) a known amount and can be used in a wide variety of applications. These attenuator pads are used when a signal needs to be reduced to protect measurement equipment or other circuitry, to extend the range of power meters and amplifiers, and to impedance match circuits by reducing the VSWR seen by adjacent components. RF attenuators can prevent signal overload in amplifiers, receivers and detectors, adjusting the signal level to a range that is optimal.

Electrical

- Frequency Range: DC - 18 GHz
- VSWR:
  DC - 4 GHz..... 1.15:1
  4 - 8 GHz..... 1.20:1
  8 - 12.4 GHz..... 1.25:1
  12.4 - 18 GHz..... 1.35:1
- Impedence: 50 Ohms
- Power: 2 Watt
  5 µSec Pulse, 0.05% Duty Cycle
- Power Peak: 250 Watts

Environmental Data

- Temperature Range: -55°C - +85°C

Material

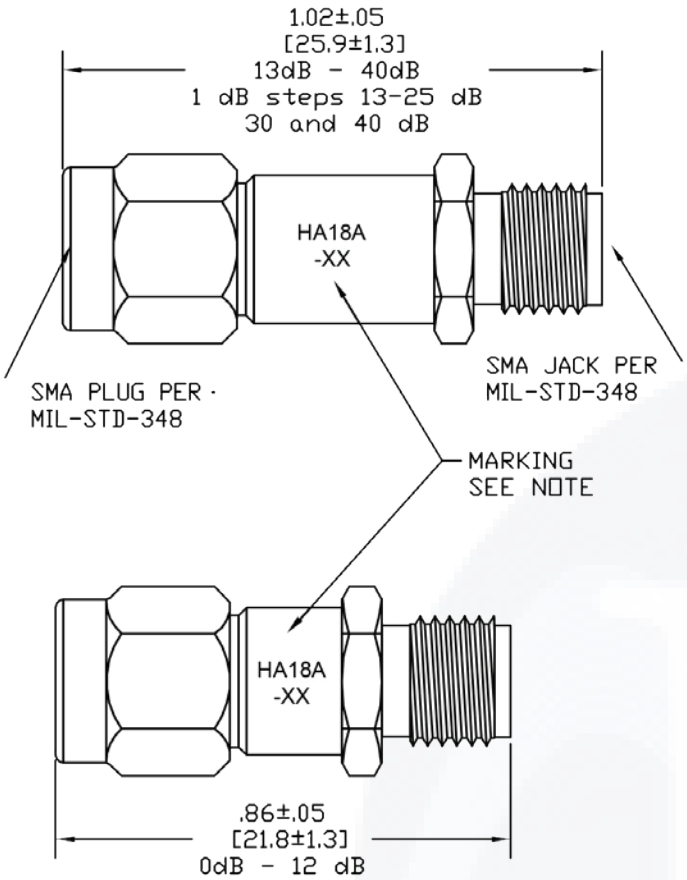
- Body: Passivated Stainless Steel
- Hex-Nut: Passivated Stainless Steel
- Center Contact: Gold Plated BeCu
- Housing: Passivated Stainless Stee
- Insulators: PTFE, Virgin Electrical Grade

**dB Value	PART NO.	ATTENUATION
0.5	HA18A-005	± 0.30
1	HA18A-01	± 0.30
2	HA18A-02	± 0.30
3	HA18A-03	± 0.30
4	HA18A-04	± 0.30
5	HA18A-05	± 0.30
6	HA18A-06	± 0.30
7	HA18A-07	± 0.30
8	HA18A-08	± 0.30
9	HA18A-09	± 0.30
10	HA18A-10	± 0.50
11	HA18A-11	± 0.50
12	HA18A-12	± 0.50
13	HA18A-13	± 0.50
14	HA18A-14	± 0.50
15	HA18A-15	± 0.50
16	HA18A-16	± 0.50
17	HA18A-17	± 0.50
18	HA18A-18	± 0.50
19	HA18A-19	± 0.50
20	HA18A-20	± 0.50
25	HA18A-25	± 0.75
30	HA18A-30	± 0.75

To view online, go to: https://www.hasco-inc.com/attenuators/9-db-fixed-attenuator-sma-male-to-sma-female-up-to-18-ghz-rated-to-2-watts-with-passivated-stainless-steel-body/

5214 Bonsai Street • Moorpark, CA 93021| (888) 498-3242 • sales@hasco-inc.com | www.hasco-inc.com

HA18A-09 | DC - 18 GHz • 2 Watts | Outline Drawing



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9	HA18A-09	± 0.30
10	HA18A-10	± 0.50
11	HA18A-11	± 0.50
12	HA18A-12	± 0.50
13	HA18A-13	± 0.50
14	HA18A-14	± 0.50
15	HA18A-15	± 0.50
16	HA18A-16	± 0.50
17	HA18A-17	± 0.50
18	HA18A-18	± 0.50
19	HA18A-19	± 0.50
20	HA18A-20	± 0.50
25	HA18A-25	± 0.75
30	HA18A-30	± 0.75

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LTR	DESCRIPTION	DATE	APPR.
-	RELEASE	12/16	TAC

THIS DRAWING IS A CONTROLLED DOCUMENT

DRAWN BY: ABC | CHECKED BY: ABC

APPROVED BY: ABC

HASCO, INC
COMPONENTS DISTRIBUTOR
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MATERIALS:	CAGE CODE:	SCALE:	SIZE:
SEE DATA SHEET	0T8L4	N/A	A
FINISHES: SEE DATA SHEET	PART NO./DRAWING NO. HA18A-09		REV: -